



Thank you for your application to study A Levels at our amazing High Pavement Sixth Form Centre, part of Nottingham College.

We're excited to be welcoming you to Nottingham College this September. Soon you'll be receiving your invitation to one of our enrolment events so that you can secure your place with us. This invitation should be with you early in August.

To help you prepare for A Levels at Nottingham College we have produced some materials and other resources for you. These are for your benefit so please do your best to look through the information relevant to the courses you have applied for. We hope you find them useful in preparing for A Level study. If you have any questions please don't hesitate to get in touch with us.

TASKS, RESOURCES AND RESEARCH

You will know much about atoms from your studies at GCSE level. This will be a step up so why not take a look at our worksheet called '[A simple model of an atom.](#)'

There are a few questions on there for you to work through before you join us in September.

We also have another [enrolment task](#) for you to complete before you start with us. Please download, complete and bring it with you when you start with us.

These tasks are designed to keep you engaged with your studies over the summer so that we can hit the ground running with some exciting chemistry here at Nottingham College on your first day.

LEVEL UP for Chemistry

This is a challenging but amazingly interesting A Level subject because Chemistry is the study of the composition, structure, properties and change of the matter which makes up our world. You will study the world right down to its molecular and atomic structure, discovering more about the elements and compounds which surround us in our daily lives.

Cooking is chemistry. Everything you can touch or taste or smell is a chemical. Chemistry explains why detergent works better in hot water and how one pain killer will be better than another if you've got a headache. It enables you to understand the world around you on a deeper level.

This course will give you a great theoretical base, but will also cover the practical application of chemistry in our everyday lives. Areas of study will include: general chemistry, inorganic chemistry, organic chemistry, physical chemistry, analytical chemistry and many more advanced topics.



A career in Chemistry

Further study in chemistry could take you down a range of career paths including:

- medicine or pharmaceuticals
- agriculture
- materials technology
- energy
- physiotherapy
- chemical biochemistry
- a career in teaching or research

Having a Chemistry A Level will enable you to choose a further specialised subject at University enabling any of the above career opportunities for you.



More about studying at High Pavement

Taking care of you

Our Student Wellbeing team run activities, sessions and programmes to support your wellbeing. They also organise trips, host events and encourage you to get involved in a whole range of activities and movements in College and nationally. So, if you're passionate about the environment, why not join the Green Society, and if you want to champion LGBTQ rights, join our LGBTQ society. If you want to suggest setting something up, we're up for that too!

Who do you talk to?

Your Personal Tutor: if you need help with your course let them know right away.

Achievement Coach: if you are worried about things outside your course and you need to speak to someone, they'll be able to help you. If they can't resolve the issue, they will put you in touch with someone who can.

Careers Adviser: they can help you get advice and information about your next steps, plus work and training options. They can also access a range of support to develop the skills you need to progress to university, and ultimately into employment.

Specialist UCAS Advisers: they are at High Pavement to help with choosing your options, completing your UCAS application, and preparing for interviews. This can be particularly useful in preparing for Oxbridge, or those more difficult to access application processes, such as for medicine and veterinary science.

Student Services: if you need to talk to someone confidentially to discuss money or get some health advice, they are here for you.

Sports and activities

Love sport? You could take part in sports clubs and inter-college competitions. If you want to relax, we host stress-busting sessions to help you with your studies. We also have a wide range of sports on offer for beginners, plus activities such as British Sign Language and driving theory skills. Our specialist sports academies offer dedicated training in different sports, with the opportunity to gain coaching qualifications alongside your studies. You could even be in with the chance to apply for USA university sports scholarships. Find out more on our website.